PATENT COOPERATION TREATY

Translation

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

	.1 (2) (-						
Applicant's or agent's file reference P0734PC			FOR FURTHER A	ACTION	See Form PCT/IPEA/416				
International application No.			International filing da	ate (day/month/year)	Priority date (day/month/year)				
PCT/JP2	004/0039	957	23.03.200	4	26.06.2003				
			l						
International Patent Classification (IPC) or national classification and IPC									
Applicant JAPAN SCIENCE AND TECHNOLOGY AGENCY									
 This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 									
2. This RE	EPORT consists of	of a total of _	3	sheets, including	g this cover sheet.				
3. This rep	oort is also accon	npanied by Al	NNEXES, comprising:						
a 🗵			to the International Bi		6.0				
ä. k 3	(00.0000				sheets, as follows:				
	sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).								
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental								
ļ <u></u>	Box.								
b. <u></u>	(sent to the I	nternational l	Bureau only) a total of	(indicate type and number	r of electronic carrier(s))				
	, containing a sequence listing and/or tables								
related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).									
4. This rep	port contains indi	cations relation	ng to the following iter	ns:					
\boxtimes	Box No. I	Basis of the	report						
│	Box No. II	Priority							
	Box No. III	Non-establis	shment of opinion with	regard to novelty, invent	ive step and industrial applicability				
	Box No. IV	Lack of unit	y of invention						
\boxtimes	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement								
	Box No. VI	Certain docu	uments cited						
	Box No. VII	Certain defe	cts in the international	application					
	Box No. VIII Certain observations on the international application								
Date of submission	on of the demand			Date of completion of the	is report				
				Date of completion of the	ы героп				
Name and mailing address of the IPEA/JP				Authorized officer					
Faccimile No.				m					
Facsimile No.				Telephone No.					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/003957

Вох	No. I	Basis of the report					
1.		d to the language, this report is based on the internation ander this item.	nal application in the language in v	which it was filed, unless otherwise			
		report is based on translations from the original language is the language of a translation furnished for the purpointernational search (Rule 12.3 and 23.1(b)) publication of the international application (Rule 12.4) international preliminary examination (Rule 55.2 and/	oses of:	· · · · · · · · · · · · · · · · · · ·			
2.	this report	nternational application as originally filed/furnished	e referred to in this report as "or				
İ	page	s*	received by this Authority on				
	page	·s*	received by this Authority on	-			
	the c	claims:	_				
	nos.	2–5		as originally filed/furnished			
	nos.			with any statement) under Article 19			
	nos.			•			
	nos.		_				
	\square	drawings:	_				
	shee						
	shee		received by this Authority on	as originally filed/furnished			
	shee		-				
			_				
		quence listing and/or any related table(s) - see Supplem	ental Box Relating to Sequence Li	sting.			
3.	The	amendments have resulted in the cancellation of:					
		the description, pages		118			
		the claims, nos. 7-17					
		the drawings, sheets/figs					
	닏	the sequence listing (specify):					
		any table(s) related to sequence listing (specify):					
4.		report has been established as if (some of) the amend have been considered to go beyond the disclosure as fil					
		the description, pages					
	닏	the claims, nos.					
		the drawings, sheets/figs					
		the sequence listing (specify):		7-7-			
		any table(s) related to sequence listing (specify):					
*	* If item 4 applies, some or all of those sheets may be marked "superseded."						

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/003957

Box No. V Reasoned statement citations and explar		nt under Article 35(2) with regard to novelty, inventive step or industrial applicability; anations supporting such statement			
1.	Statement				
	Novelty (N)		Claims	1-6	YES
			Claims		NO
	Inventive step (IS)		Claims	1-6	YES
			Claims		NO
	Industrial applicability (IA)		Claims	1-6	YES
			Claims		_ NO
L					

2. Citations and explanations (Rule 70.7)

(1) Citations

- Document 1: Toshikazu SAKANO et al., "Large-dispersion tolerance optical signal transmission system based on temporal imaging," Optics Letters, Vol. 27, No. 8, pages 583 to 585, 15 April 2002
- Document 2: Brian H. KOLNER, "Space-Time Duality and the Theory of Temporal Imaging," IEEE Journal of Quantum Electronics, Vol. 30, No. 8, pages 1951 to 1963, August 1994
- Document 3: JP 2002-250828 A (Nippon Telegraph and Telephone Corporation), 06 September 2002, entire text, all drawings
- Document 4: JP 2003-051809 A (Nippon Telegraph and Telephone Corporation), 21 February 2003, entire text, all drawings

(2) Explanations

The inventions that are set forth in claims 1 to 7 are not disclosed in the documents that are cited in the international search report or in any of the abovementioned documents, and would not have been obvious to a person skilled in the art.